

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of reducing parasites in animals comprising:
introducing to the animal a single delivery device comprising two or more active agents selected from at least two types of anthelmintic compounds of differing chemical groups;
wherein said delivery device is an intra-ruminal bolus configured to release from the rumen an effective amount of active agents each day for a period of between 3 and 14 days.
2. (Previously presented) The method of claim 1 wherein the said two or more anthelmintic compounds have different activities.
3. (Previously presented) The method of claim 1 wherein the active agents are released at a substantially continuous rate.
4. (Previously presented) The method of claim 1 wherein the said two or more active agents effect a reduction in the parasite burden of the animal.
5. (Previously presented) The method of claim 1 wherein the said two or more active agents effect a reduction in the number of resistant parasites in the animal.
6. (Previously presented) The method of claim 1 wherein said anthelmintic compounds are selected from those exhibiting activities selected from the group consisting of: nematocidal, flukicidal, trematocidal, cestocidal, ectoparasiticidal activities and combinations thereof.
7. (Previously presented) The method of claim 1 wherein said anthelmintic compounds include a macrocyclic lactone.
8. (Previously presented) The method of claim 7 wherein the macrocyclic lactone is abamectin.
9. (Previously presented) The method of claim 8 wherein the abamectin is delivered at a dosage of substantially 0.1 – 0.2 mg/kg/day.
10. (Previously presented) The method of claim 1 wherein said anthelmintic compounds include a benzimidazole.
11. (Previously presented) The method of claim 10 wherein the benzimidazole is albendazole.

12. (Previously presented) The method of claim 11 wherein the albendazole is delivered at a dosage of substantially 3.0 - 5.0 mg/kg/day.

13. (Previously presented) The method of claim 1 wherein said anthelmintic compounds include tricalbendazole.

14. (Previously presented) The method of claim 1 wherein the animal is a sheep.

15. (Previously presented) The method of claim 1 wherein active agents are released each day for a period of between 5 and 10 days.

16. (Previously presented) The method of claim 1 wherein active agents are released each day for a period of between 6 and 8 days.

17. (Previously presented) The method of claim 1 wherein the parasite is an endoparasite selected from the group consisting of: helminths, nematodes, cestodes, trematodes, and combinations thereof.

18. (Previously presented) The method of claim 1 wherein the parasite is an ectoparasite selected from the group consisting of: ticks, lice, flies, fleas, and combinations thereof.

19. (Previously presented) The method of claim 1 wherein the delivery device is a controlled release device.

20. (Currently Amended) The method of claim 1 ~~claim 1~~ wherein the delivery device delivers a maximum integral dose, wherein said maximum integral dose comprises the combination of high doses, extended duration and the combination of two or more anthelmintics into a single product.

21. (Previously presented) A delivery device for use in the method of claim 1.

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Previously presented) The method of claim 2 wherein the active agents are released at a substantially continuous rate.

26. (New) A method of reducing parasites in animals comprising:

introducing to the animal a single delivery device comprising two or more active agents selected from at least two types of anthelmintic compounds of differing chemical groups;

wherein said delivery device is an intra-ruminal bolus configured to release an effective amount of active agents each day for a period of between 3 and 14 days;

and wherein said effective amount is a level of active agents necessary to effect a reduction in the level of parasites in said animal while minimizing selection of resistant parasites.

27. (New) A method of reducing parasites in animals comprising:

introducing to the animal a single delivery device comprising two or more active agents selected from at least two types of anthelmintic compounds of differing chemical groups;

wherein said delivery device is an intra-ruminal bolus configured to release an effective amount of active agents each day for a period of between 5 and 10 days.

28. (New) The method of claim 27 wherein active agents are released each day for a period of between 6 and 8 days.